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MONTHLY REPORT

1 October to 31 October 1958

Engineering Staff
Materiel Support Branch

I. PROJECTS AND ACTIVITIES

A. MATERIEL SUPPORT BRANCH

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2. Chief, Materiel Support Branch, attended a meeting on 30 October concerning property and financial accounting for cryptographic supplies and equipment. In attendance were representatives of the Office of Logistics, the Office of the Comptroller, the Audit Staff, OC Security Staff, and Finance Support Branch. It was the consensus that such property could be handled on an M/R basis from Logistics and that there were no security implications on assigning stock numbers using only the noun name of each item. Further details and procedures are to be worked out in the near future.

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3. Parts data and information necessary for the publication on Maintenance Parts Lists (MPL's) covering the RT-3, RR-2B, RP-1, and RP-2 has been compiled and forwarded to Logistics for printing. Data on the RA-2 and miscellaneous information on the GN-58 has also been compiled and will be forwarded to Logistics during the first part of November.

6. Due to a warehouse drive to clear up the backlog in the Receiving Section, the workload in T&I has increased about 50 per cent; however, inasmuch as the Section has several additional personnel for familiarization training, the increased workload was handled on a daily basis.

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B. MATERIEL CONTROL SECTION

2. October requisitions of importance:

a. MSB 59-164 - For procurement of special Video Processing Units and Signal Simulators from HRB for SP/EA (Models 188-ATR-28 and 188S-AT).

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b. MSB 59-165 - Single side band Radio Set and Antenna Coupler (Models 32-ES-1C and 180V-1 respectively).

c. MSB 59-173 - Vertical Whip Antenna and Couplers from TMC (Models VRA-2 and ATS-50R).

d. Procurement of portable miniaturized radio set (Model RCA-CPC-2).

3. Total number of MSB requisitions prepared and/or approved during October is 41, representing 95 line items. Of this total, 27 requisitions (78 items) were prepared by OL. The remaining 14 requisitions were prepared by MSB/MCS.

4. Total number of requisitions (other than MSB) processed through MCS amounted to 289, representing 2,042 line items. Seven requisitions (14 items) were ultimately cancelled.

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7. A total of 47 LCN's were initiated during this reporting period as follows:

a. 17 each for new stock numbers

b. 18 each for "Limited Standard" action

c. 2 each for "Surplus" action

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- d. 3 each for "Obsolete" action
 - e. 17 each for description changes, corrections, etc.
8. The following entries and/or additions were made in MCS files:
- a. 1,462 each DOD Nomenclature files
 - b. 107 each Item Identification files
 - c. 105 each Master Cross Index entries
 - d. 10 each Where-Used cards
9. The spare parts problem for the KY-1 was researched. As a result, it has been determined that approximately 4.38 per cent (90 items) of the parts used in this equipment are current stock items. Approximately 70 per cent could be identified providing we are able to devote several man weeks of labor. Approximately 25.46 per cent could not be identified without receiving additional specifications from NSA. I&MB has been officially informed of the survey results.
10. Final drafts for MPL's on the RT-3, RR-2B, RP-1, and RP-2 were completed and released to the Catalog Branch of Logistics for printing. The final draft for the RA-2, plus miscellaneous information concerning the GN-58 and other useful accessories used with RS-1 equipment, has been compiled. It will be released for printing within the first week on November.
11. Approximately two-thirds of the items used in the CW-1 and VA-5 and VA-5A have been identified and LCN's prepared for the assignment of new stock numbers. We have revised our procedure in compiling information on such new items so that rough drafts for an MPL are prepared simultaneously with the LCN. This will eliminate the rewriting of items and extra time lost in handling processed data when the Catalog Branch of Logistics returns the new stock numbers.
12. The gathering of technical data and related information has been initiated for the General Electric Mobile Equipment which has been selected as the new standard. Descriptions are now in the process of preparation. Several hours were devoted to refinement of requirements during a conference with the SEB project engineer. As soon as a stock number assignment has been completed, procurement will be initiated for a limited number of these new equipments.
13. Approximately 16 man hours were devoted to gathering technical data, discussing problems, ~~modus~~ operandi, etc. best suited to the writing up of the AS-4A equipment for possible stock number assignment. These conferences were held primarily with the R&D project engineer, FSS desk man, and other concerned with the present project.
14. Preliminary spade work was begun for the proper identification of the AS-8. Since initial tests are presently underway, it was decided to postpone further work pending test results and decisions as to the future prospects of the equipment.

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c. The Receiving workload increased about 50 per cent due to a warehouse drive to clear up Receiving backlog. T&I personnel have been able to handle this increased workload on a daily basis.

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g. Two men were recently assigned to T&I from the Installation and Maintenance Branch for familiarization training.

2. BAW, T&I:

b. Material was requisitioned for the modification of the 5 DDR-2 Dual Diversity Units presently in stock.

3. Crystal Laboratory:

a. During this month a total of 1,029 quartz crystal units on 14 requisitions were processed. The present backlog of work consists of 6 requisitions for a total of 1,185 quartz crystal units.

b. Experimental work on new techniques for processing miniature quartz crystal units in HC-18/U Holders will begin immediately upon receipt of Holders from the manufacturer.

4. Identification & Purification Program:

a. Found unidentified and unnumbered in the Warehouse were 3,286 pieces of various groups. These have been identified and returned to stock.

b. One hundred seventy-nine items were checked from Receiving Section as stock replenishment material consisting of 11,386 pieces, of which 6 pieces were either rejected or returned for clarification.

c. Groups 5960 and 5977 were completed this month, and work has started on Group 5975.

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D. FIELD SUPPORT SECTION

1. During October this Section processed 231 requisitions for a total of 1,581 line items. The following transactions were of particular interest:

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2. Several communicators being assigned to AMCA stations were briefed on Supply Procedures.

3. This Section has received a considerable amount of correspondence from MECA during the past 6 months concerning the status of cargoes, requisitions, etc. Because of the large number of queries, a review was made to determine the reasons for these queries and whether our procedures for furnishing supply information to the field were adequate. It was determined that in most instances, information had been forwarded to the field in sufficient time for receipt prior to their initiation of queries to Headquarters.

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F. LIBRARY

1. During the month of October, the Library received and processed 817 written and/or verbal requests for reference services, technical information, and/or procurement of documents and publications.

2. The Engineering Library in turn submitted:

48 requests to OCR/Library for loan of books and documents.

22 requests to ASTIA for documents.

105 requests to OCR/Book Order for purchase of publications.

28 letters to U. S. commercial concerns for technical information.

3. In addition, routine clerical, administrative, and other library duties were performed, such as cataloging and classification of publications, analysis and dissemination of intelligence reports, typing memos, dispatches, reports, requisitions, reproduction requests, etc.

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